INTERNATIONAL SEARCH REPORT

PC1/IB2004/052533

A. CLASSI IPC 7	A47J43/07 A47J43/046		
According to	o International Patent Classification (IPC) or to both national class	sification and IPC	
	SEARCHED		
	ocumentation searched (classification system followed by classification sy	ication symbols)	
Documenta	ation searched other than minimum documentation to the extent th	hat such documents are included in the fields so	earched
Electronic o	data base consulted during the international search (name of data	a base and, where practical, search terms used	i)
EPO-In	nternal, WPI Data, PAJ		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of th	e relevant passages	Relevant to claim No.
A	US 6 340 124 B1 (CHARLES PATRI 22 January 2002 (2002-01-22) cited in the application column 12, line 17 - column 13 figures 6a-6h	1	
A	EP 0 127 050 A (GEKA-WERK REIN KG) 5 December 1984 (1984-12-0 page 3, line 29 - page 4, line page 6, line 28 - page 9, line 1,2	1	
A	WO 03/017814 A (KONINKLIJKE PHELECTRONICS N.V) 6 March 2003 page 5, line 5 - page 7, line page 8, line 5 - line 22; figures.	(2003–03–06) 2	1
Fu	rther documents are listed in the continuation of box C.	χ Patent family members are listed	l in annex.
"A" docur cons "E" earlie filing "L" docur which citat "O" docur othe later	ment defining the general state of the art which is not sidered to be of particular relevance or document but published on or after the international grade ment which may throw doubts on priority claim(s) or ch is cited to establish the publication date of another stion or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or er means ment published prior to the international filing date but or than the priority date claimed	 "T" later document published after the in or priority date and not in conflict with cited to understand the principle or to invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the cannot be considered to involve and document is combined with one or ments, such combination being obvious the art. "&" document member of the same pater 	h the application but heory underlying the claimed invention of the considered to locument is taken alone claimed invention inventive step when the nore other such docution ious to a person skilled intentity
ė.	23 February 2005	03/03/2005	
Name and	d mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Lehe, J	

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No PC 1/IB2004/052533

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6340124	B1	22-01-2002	FR 2769198 A1		11	09-04-1999
			FR	2769200 A	41	09-04-1999
			AT	245000 T	Γ	15-08-2003
			AU	737137 B	32	09-08-2001
			AU	9445498 <i>P</i>	F	27-04-1999
			BR	9812706 A	4	22-08-2000
			CA	2306403 A	41	15-04-1999
			CN	1132548 0	2	31-12-2003
			DE	69816459)1	21-08-2003
			DE	69816459 7	Γ2	06-05-2004
			EP	1018918 <i>A</i>	41	19-07-2000
			WO	9917647 <i>F</i>		15-04-1999
			HK	1033082 <i>F</i>		21-05-2004
			HU	0004662 A		28-04-2001
			PL	339626 A		02-01-2001
			TR	200000891 1	Γ2	21-11-2000
EP 0127050	Α	05-12-1984	DE	3319513 A	41	29-11-1984
			DE	3335139 A	41	11-04-1985
			EP	0127050 A	42	05-12-1984
			JP	60005113 <i>F</i>	4	11-01-1985
			CS	8406031 <i>H</i>	42	16-07-1985
			DD	218555 <i>H</i>	45	13-02-1985
			ES	8600041 <i>A</i>	- —	01-01-1986
			PL	249389 <i>F</i>		09-04-1985
			YU	162884 <i>F</i>	41	31-12-1986
WO 03017814	Α	06-03-2003	EP	1420676 A	41	26-05-2004
			WO	03017814 A	41	06-03-2003
			JP	2005500113 1	Γ	06-01-2005
			US	2003037685 A	41	27-02-2003